

INTERNATIONAL SEARCH REPORT

International application No.

PCT/KR2003/002861

A. CLASSIFICATION OF SUBJECT MATTER

IPC7 A41C 3/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7 A41C, A61F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

KR: IPC as above

JP/utility: IPC as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	JP 11-323616 A YOSHIMOTO CULB KK 26 NOV. 1999 (26.11.1999) See the whole documents	1, 2, 5
A	JP 07-328050 A SHIGEL KK, WACOL KK 19 DEC. 1995 (19.12.1995) See the whole documents	5
A	JP 3095349 U BRAGEL INTERNATIONAL INC. 07 MAY 2003 (07.05.2003) See the whole documents	1, 2, 4
A	US 4676795 A HANS GRUNDEI 30 JUN. 1987 (30.06.1987) See the whole documents	1, 2
A	KR 20-0188998 Y1 EUN NAM-KI 02 MAY 2000 (02.05.2000) See the whole documents	1, 2, 3

Further documents are listed in the continuation of Box C.

See patent family annex.

* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

Date of the actual completion of the international search

19 APRIL 2004 (19.04.2004)

Date of mailing of the international search report

20 APRIL 2004 (20.04.2004)

Name and mailing address of the ISA/KR



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INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/KR2003/002861

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
JP 11-323616 A	26.11.1999	NONE	
JP 07-328050 A	19.12.1995	NONE	
JP 3095349 U	07.05.2003	NONE	
US 4676795 A	30.06.1987	AT42191T T CA1263202 A1 DE3440960 A1 DE3440960 C2 EP0178483 A2 EP0178483 A3 EP0178483 B1 US4676795 A	15.05.1989 28.11.1989 24.04.1986 08.01.1987 23.04.1986 30.12.1986 19.04.1989 30.06.1987
KR 20-0188998 Y1	30.08.2003	NONE	